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		JP 2002-2203	40 A	08	-09-2002		n Ltd				stract	П
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STATEMENT BY APPLICANT

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Application Number	10/537,339
Filing Date	June 2, 2005
First Named Inventor	Mayumi KOTANI
Art Unit	Not Yet Assigned 1055
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/ALC/	2.	Gabriella GAZZANI Vegetables and the 4122	, et al., "Anti-and F Effect of Thermal	Prooxidant Activity of W Treatment," J. Agric. Fo	ater Soluble Com ood Chem., 1998	nponents of Some Common Diet 3, Vol. 46, No. 10, pp. 4118-				
	3.	Yi-Fang CHU, et al. Chem., 2002, Vol.	., "Antioxidant and 50, No. 23, pp. 69	Antiproliferative Activit 910-6916	ies of Common \	/egetables," J. Agric. Food				
	4.	J. J. JAMORA, et Evaluation Method Vol. 67, Nr. 5, pp.	s and Antioxidative	ity of Extruded Products Effects of Onion, Carro	s from Blends of ht, and Oat Ingred	Meat and Nonmeat Ingredients: dients," J. Food Science, 2002,				
	5.	Achim BUB et al., Peroxidation in Me	"Moderate Interven n," J. Nutrition, 20	ntion with Carotenoid-Ric 100, Vol. 130, No. 9, pp	ch Vegetable Proc. 2200-2206	ducts Reduces Lipid				
	6.	Anne C. Kurilich et J. Agric Food Chei	t al., "Carotene, To m., 1999, Vol. 47,	copherol, and Ascorbate No. 4, pp. 1576-1581	Contents in Sul	ospecies of Brassica Oleracea,*				
	7. D. Mark HODGES, et al., "Improving the Thiobarbituric Acid-Reactive-Substances Assay for E. Peroxidation in Plant Tissues Containing Anthocyanin and Other Interfering Compounds," Plant 207, No. 4, pp. 604-611									
	8.		et al., "Kajitsu, Yas kikusyo," 1997, Vo		ko, Oita Nosuisar	Dita Nosuisanbutsu Kako Sogo Sido Center				
9. Sukie NISHIBORI et el., "Superoxide Anion Radical-Scaveging Ability of Front Nippon Shokuhin Kagaku Kogaku Kaishi, 1998, Vol. 45, No. 2, pp. 144-14 10. Huifeng REN et al., "Antioxidative and Antimicrobial Activities and Flavono Cultivated Vegetables," Nippon Shokuhin Kagaku Kogaku Kaishi, 2001, Vo					Ability of Fresh 2, pp. 144-148	shi and Heated Vegetable Juices," 8				
					obial Activities and Flavonoid Contents of Organically cu Kogaku Kaishi, 2001, Vol. 48, No. 4, pp. 246-252					
11. Tomoni AKUTSU et al., "Shokuhin Kaikibutsu O Mochiita Kinosei Shokuhin Sozai No Kaihatsu - Shoku Haikbutsuto Kara No Kinosei No Kensaku -, Shokuhin Kogyo Shidosho Kenkyu Hokoku," 2002, Vol. 1						ozal No Kaihatsu - Shokuhin u Hokoku," 2002, Vol. 16, pp.				
$\overline{\bigvee}$	12.	Tadashi KATO et al., "Increases of Various Vitamin Contents in Leaf Vegetables Treated by the Winter-Cool Air," Tohoku Agricultural Research, 1994, Vol., 47, pp. 317-318								
/ALC/	13.	Yaeko IZAKI et al. Ni Tsuite," Kyotof	Yaeko IZAKI et al., "Ryokuoushoku Yasai Ni Okeru Chlorophyll Carotene Tocophenol Kanyuryo Narabini Sokan Ni Tsuite," Kyotofu Eisel Kenkyu Nenpo, 1986, No. 52, pp. 69-71							
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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